

JZ/Q1 intelligent self-service pet washing equipment (instruction manual)

1、Product overview

The intelligent self-service pet grooming system is an innovative solution specifically designed for modern pet owners. It delivers comprehensive care through automated processes including bathing, drying, grooming, and disinfection. Featuring an efficient automated control system, this device enables pet owners to conveniently provide professional, hygienic, and safe grooming experiences for their pets.

The main functions of the equipment include automatic water temperature control, intelligent washing and care liquid distribution, drying, ozone sterilization, UV ultraviolet disinfection, etc. In addition, the equipment also supports remote operation, code scanning payment and APP control, greatly improving the convenience of users.

2、Main functions and technical features

Automatic control of water temperature and pressure:

The equipment can automatically adjust the water temperature to ensure that the pet can complete the bath in a comfortable environment within an appropriate range (usually 36°C to 39°C).

Hydraulic pressure is automatically adjusted to avoid excessive water pressure stimulation to pets.

Intelligent distribution of shampoo and lotion:

According to the type of pet hair and the need for care, the equipment automatically and intelligently distributes shampoo, hair care products and other care products to ensure the best effect of each time.

Multi-stage drying system:

Equipped with multiple fans and PTC heating elements, it provides a constant temperature and multi-stage wind control drying mode to quickly and gently blow dry pet hair, avoiding discomfort caused by excessive wind or high temperature.

Ozone sterilization and UV disinfection:

Happy Tik

After the cleaning process is completed, the equipment automatically opens the ultraviolet disinfection function and uses the UV lamp tube for deep sterilization.

Equipped with an ozone generator, effectively remove the bacteria and odor on pet hair.

Remote operation and code scanning payment:

Users can remotely control the device through a dedicated APP and check the status of the device and perform operations anytime and anywhere.

Support QR code payment, users do not need to wait for cash payment, the payment process is more convenient.

Built-in monitoring and voice prompts:

The device has a built-in camera, so users can monitor their pets' grooming in real time.

The voice prompt function can provide guidance for users during the operation of the device to ensure the safety of operation.

3、Equipment structure and components

control panel :

Equipped with a Android all-in-one screen, users can use the touch screen to perform various Settings.

The screen displays the current operation steps, remaining time and other information for users to control.

Bath tank:

Transparent window design, users can observe the pet care process at any time.

The electromagnetic door lock is designed to ensure that pets are not trapped due to accidental power failure.

Waterway system:

Composed of efficient water heater, nozzle and drainage system to ensure constant water temperature and smooth drainage.

Drying system:

Multiple fans with PTC heating element to provide stable drying effect.

The wind path design is optimized to reduce the stimulation of wind on pets.

Safety protection system:

With leakage protection, overheating protection and other safety functions, to ensure the safety of pets and equipment.

4、Equipment operation process

On the Android all-in-one operation panel, users only need to follow the following steps:

Select the type of shampoo:

Users can choose the care mode according to the hair type and needs of pets (such as standard care, deep care, etc.).

The system will automatically recommend the appropriate type of lotion.

Confirm the time of shampooing:

The system will automatically recommend the time according to the selected type of washing and care, and users can adjust it according to the status of their pets.

pay :

Support QR code payment or APP payment or verification code.

Equipment unlocking:

After the payment is completed, the device will unlock automatically and the user can put the pet into the care cabin.

Pet access:

Users gently place the pet inside the device, make sure the pet is comfortable and close the door lock.

Automatic washing process:

Shampooing: The equipment automatically distributes shampoo to clean the pet hair.

Hair care: The equipment automatically distributes hair care according to the hair condition to maintain the pet's hair.

Drying: The multi-fan system provides gentle drying to prevent pet discomfort.

sterilization :

After the cleaning, the equipment starts the ultraviolet lamp for deep disinfection to ensure the safety of pets.

5、Equipment installation and debugging

Installation requirements:

Power supply: 220V,50Hz, independent circuit, equipped with leakage protection switch.

Water source: connected to the water pipe, with a cold and hot water mixing control valve.

Drainage system: It is recommended to connect to a floor drain or drainage system.

Ventilation: the installation environment should be well ventilated, dry and not humid.

Internet: The device needs to be connected to a Wi-Fi or wired network for remote operation and payment.

Debugging process:

Check the power and water connections.

Start the self-test program to ensure that the equipment is running normally.

Calibrate the water temperature to ensure that it is between 36 and 39°C.

6、Daily maintenance and care

Clean the cabin: Clean the cabin every day to keep it clean.

Clean the filter screen: Clean the filter screen of the water pump and drain outlet every week.

Check the shampoo: supplement the daily consumption of shampoo, hair care products and other consumables.

Drying system maintenance: clean the accumulated hair in the air duct and check the fan every month.

Disinfection system inspection: check the normal operation of ozone generator and ultraviolet lamp every month.

7、Fault diagnosis and troubleshooting

fault phenomenon	Possible causes	Method of exclusion
No power on	Power disconnected/fuse burned out	Check the power cable and

		replace the fuse
No hot water	Water heater power supply or temperature setting problem	Check the power supply and reset the temperature
No hand sanitizer available	Low liquid level or pipe blockage	Add shampoo and wash, clean the pipeline
No wind or low temperature for drying	Fan failure / PTC heating element damage	Check the fan and heating element
The panel failed	The motherboard is abnormal	Restart the equipment and contact customers

8、 Safety operation specifications

Make sure the front door lock is closed before operation to prevent pets from escaping or getting hurt.

Do not use high pressure water gun to wash the outside of the equipment.

Power off is required for equipment disassembly and maintenance.

Children should not operate the equipment alone.

9、 Equipment technical parameters

Equipment size: 1700mm × 1250mm × 800mm

Power supply: 220V,50Hz

Power: 4800W

Drying system: multi fans, PTC heating

Disinfection method: ozone + ultraviolet light

FCC Requirement:

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

-this device may not cause harmful interference, and

-this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

(1)Reorient or relocate the receiving antenna.

(2)Increase the separation between the equipment and receiver.

(3)Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

(4)Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.